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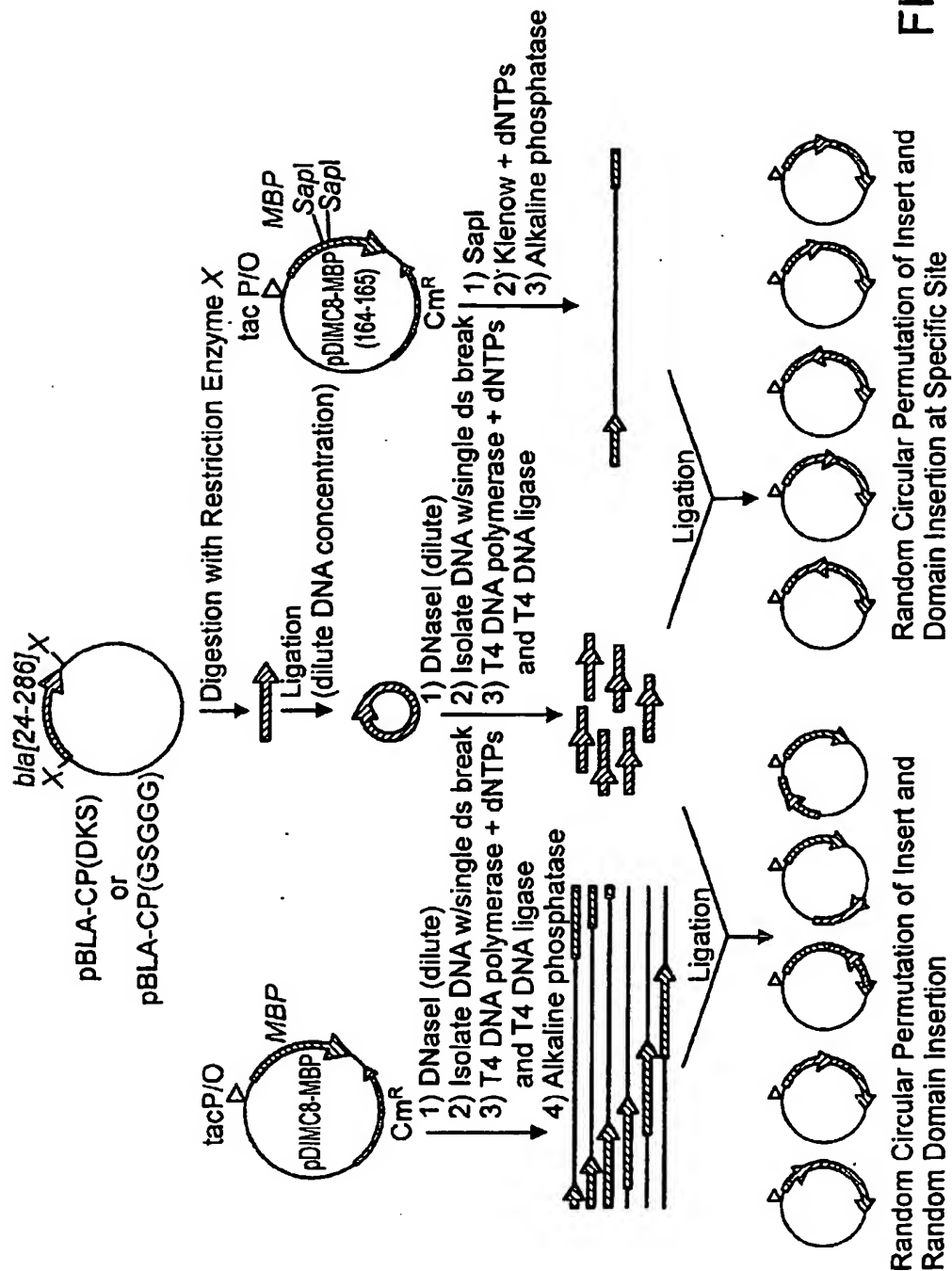


FIG. 1

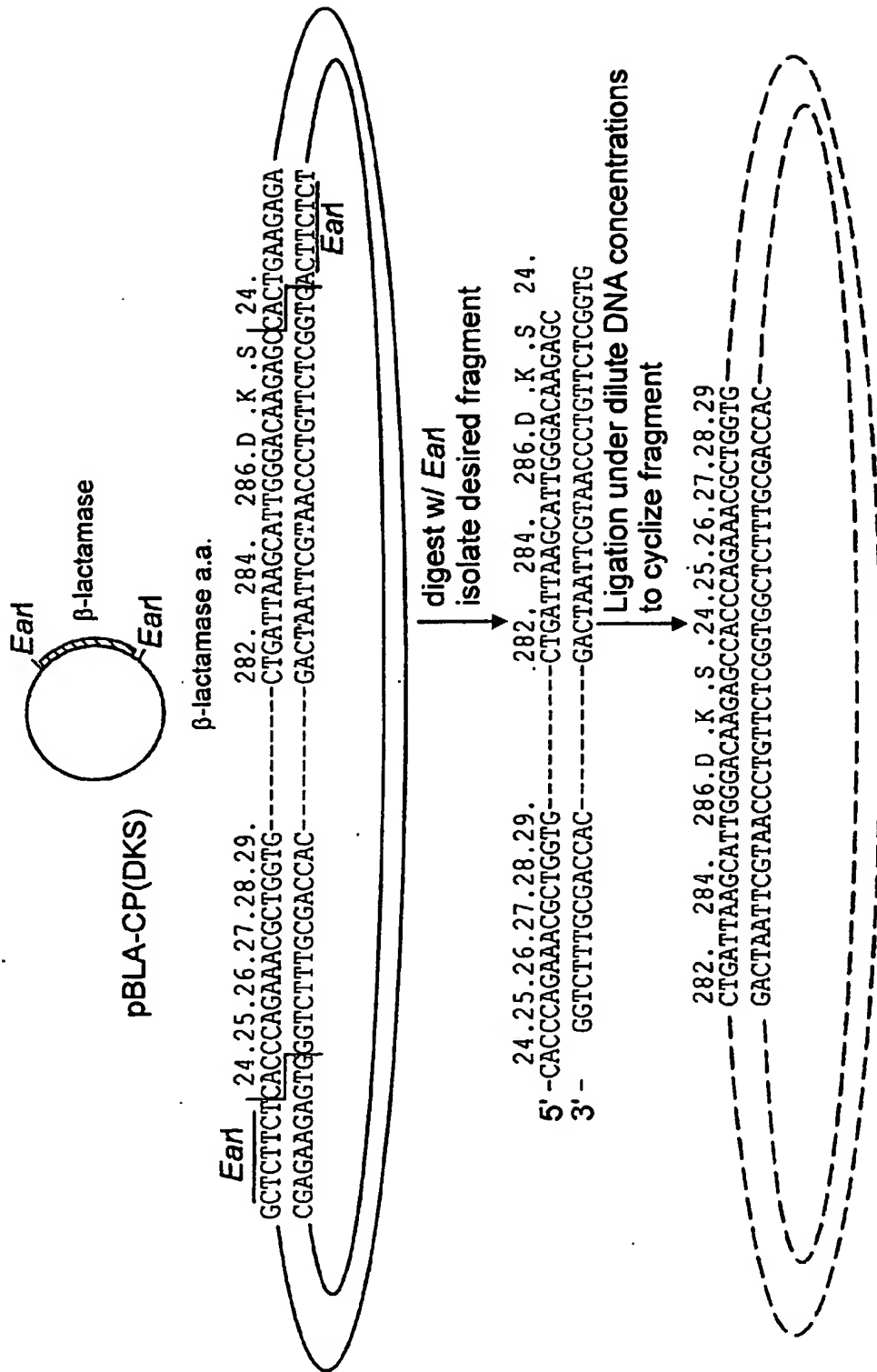


FIG. 2

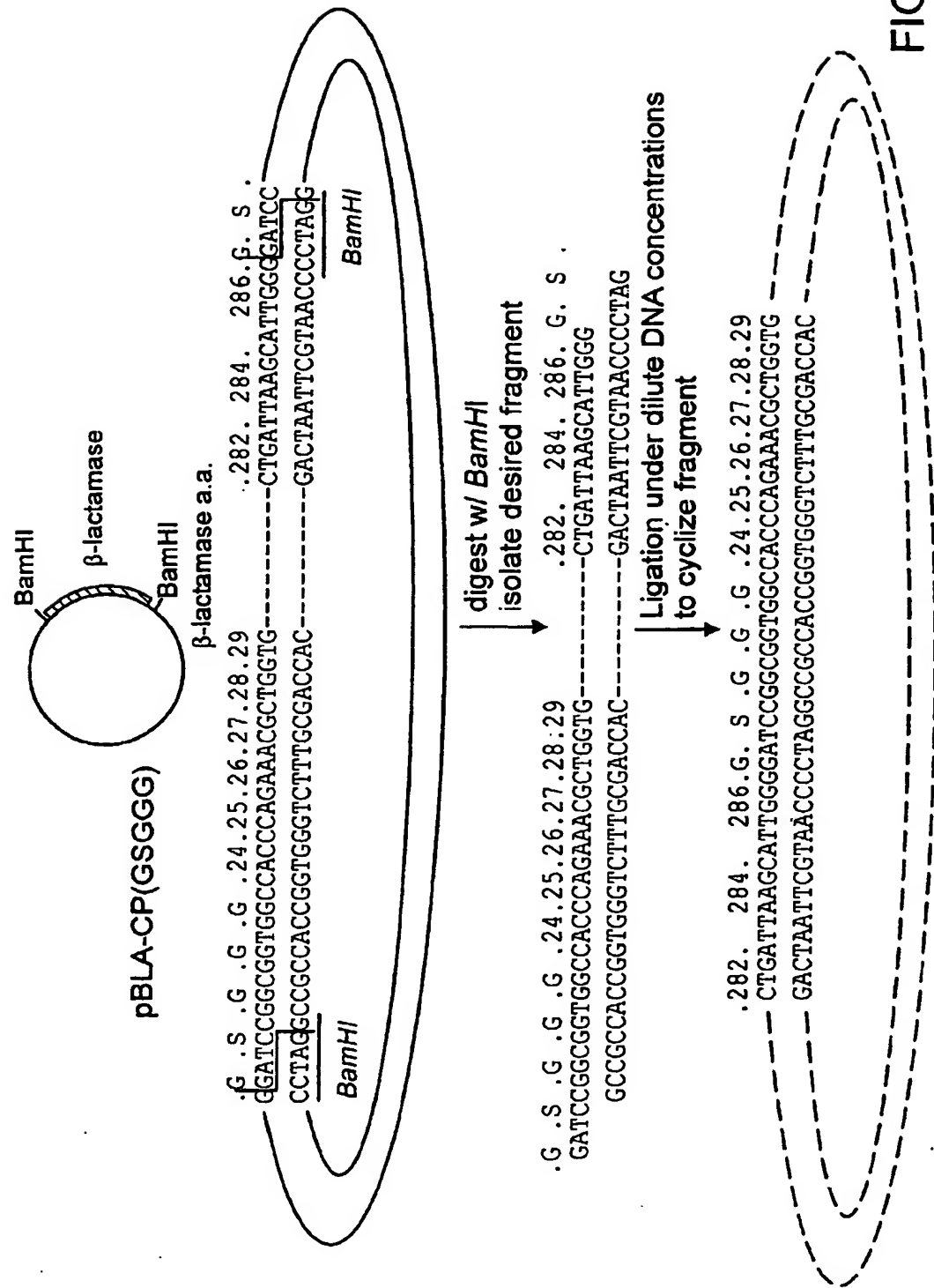


FIG. 3

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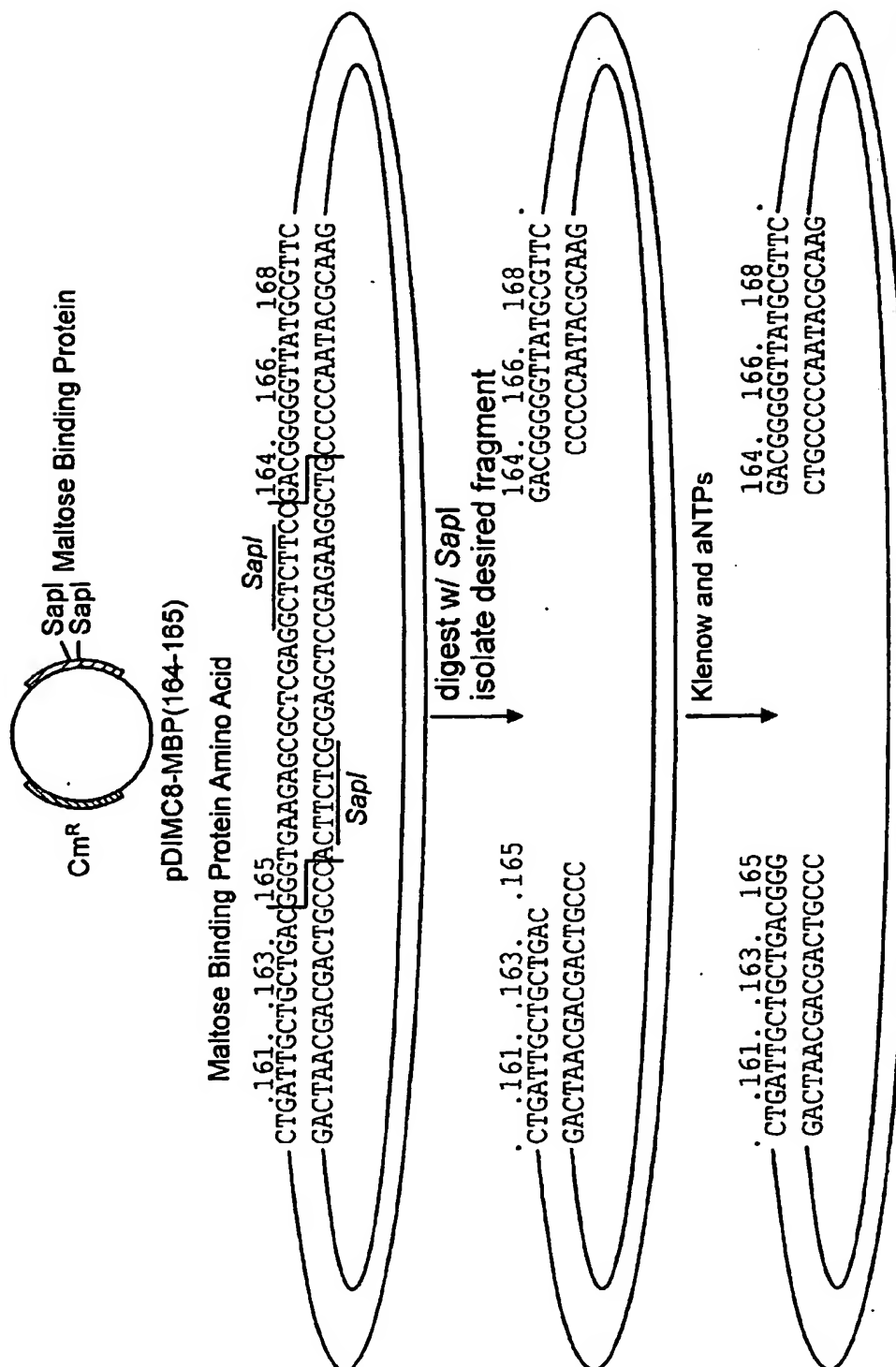


FIG. 4

FIG. 5A Gene Transcription

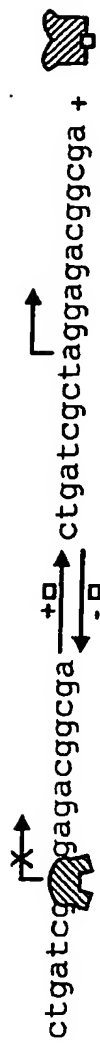


FIG. 5B Signal Transduction

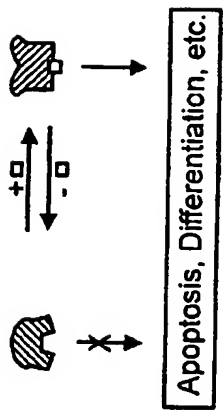
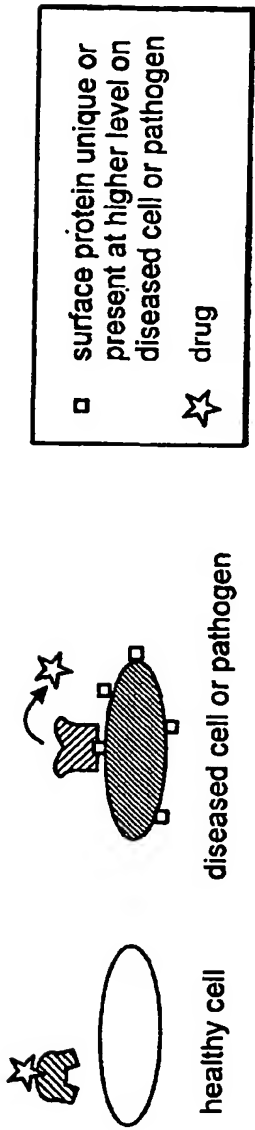
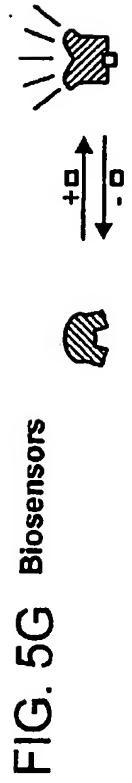
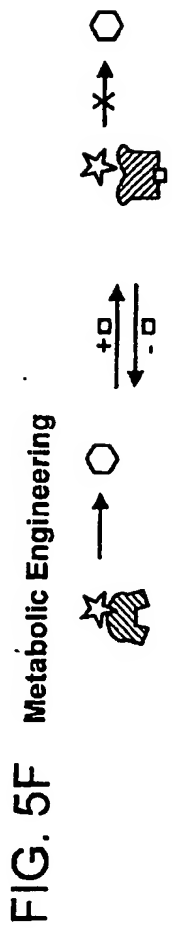
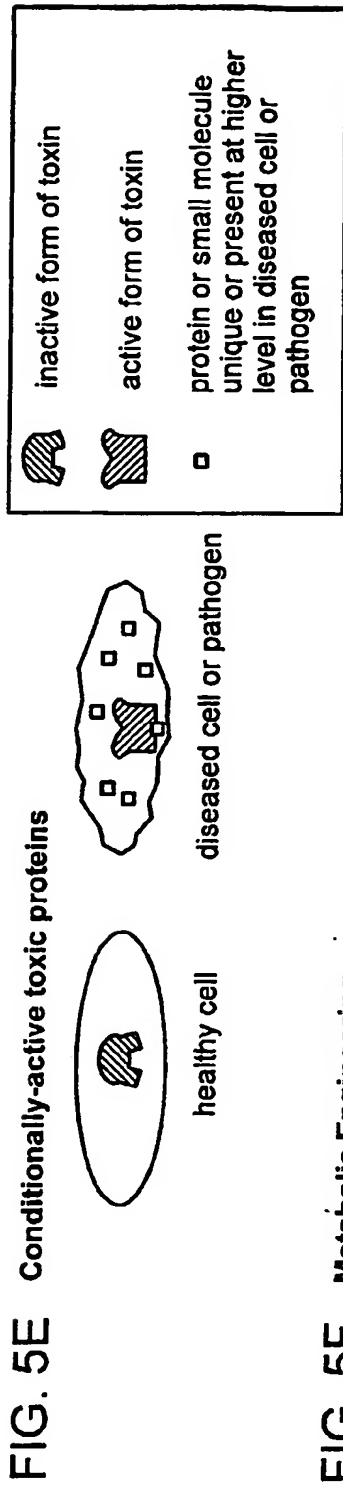
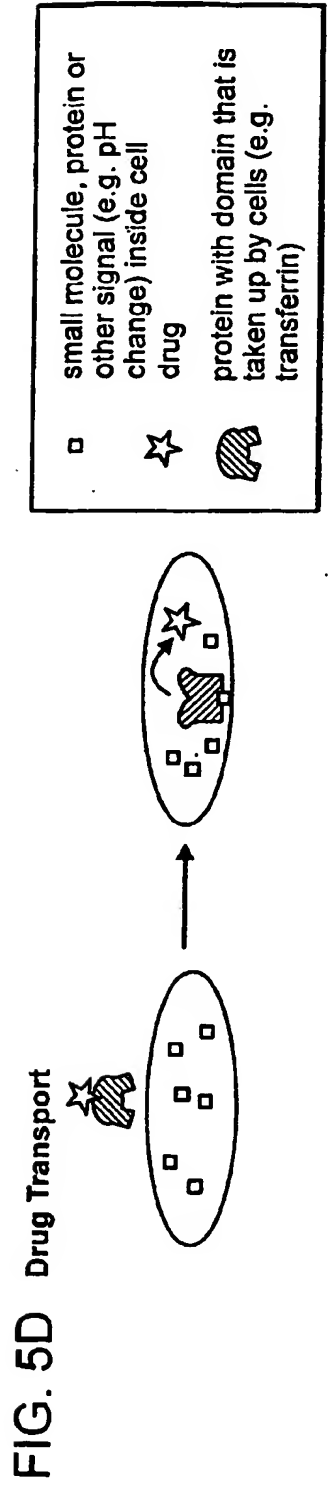


FIG. 5C Targeted Drug Delivery





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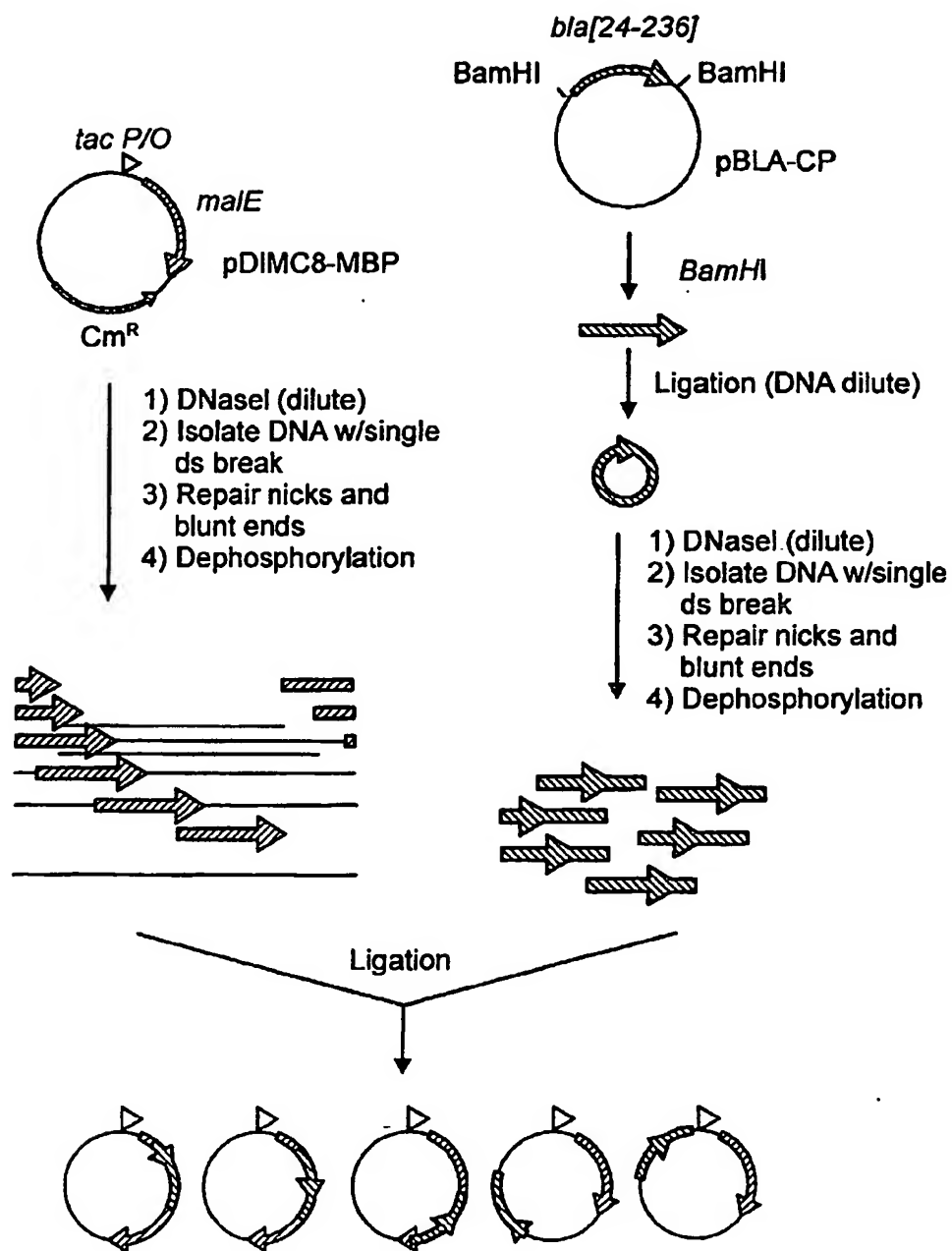


FIG. 6A

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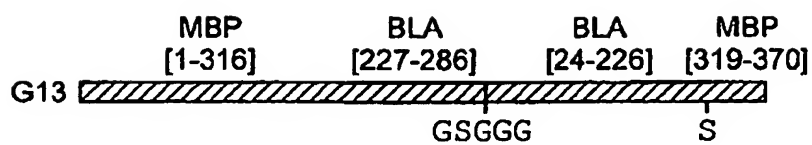


FIG. 6B

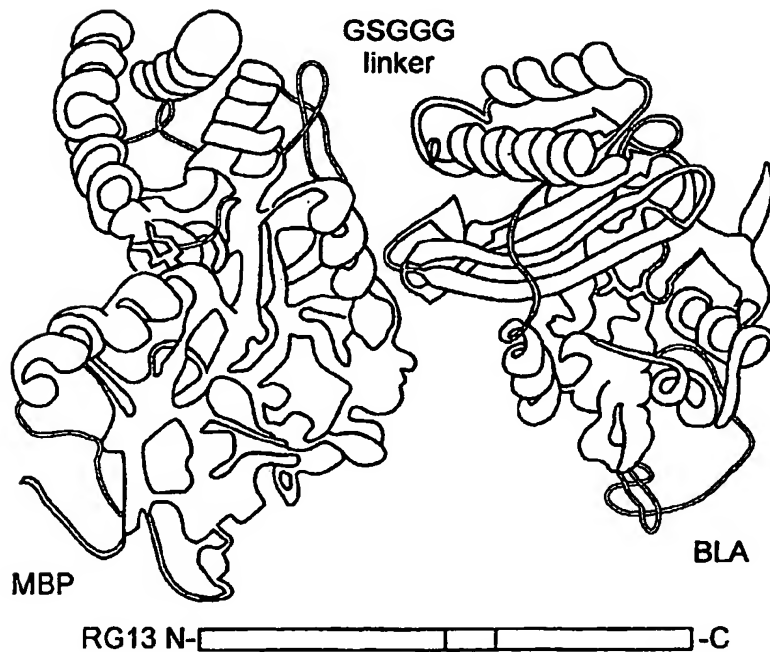


FIG. 6C

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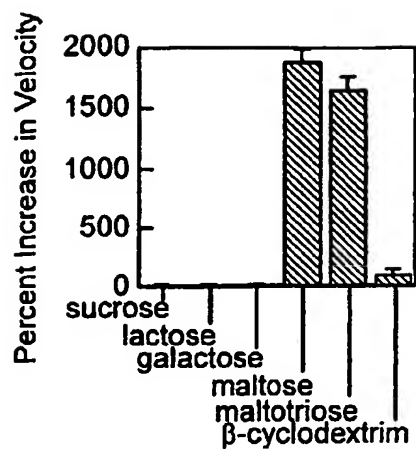


FIG. 7A

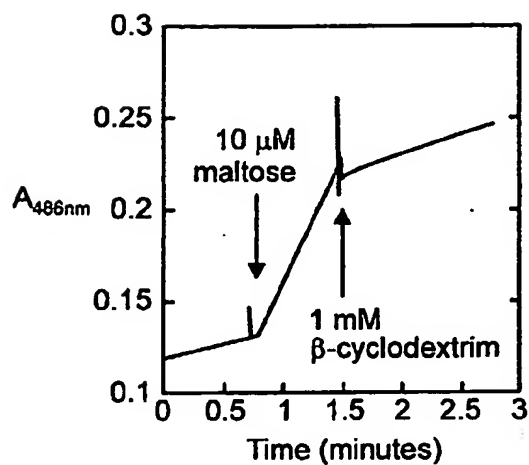


FIG. 7B

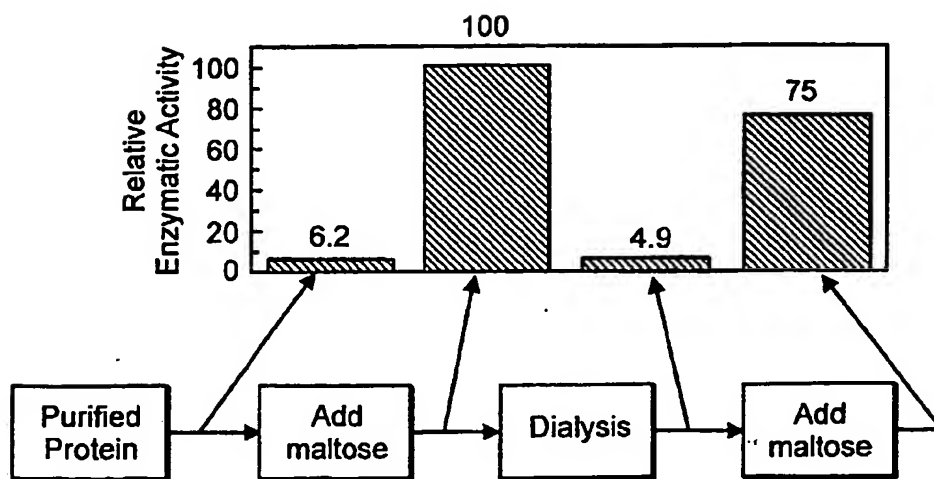


FIG. 7C

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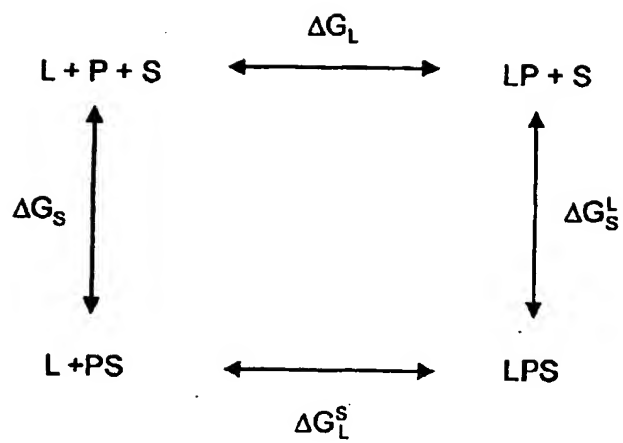


FIG. 8

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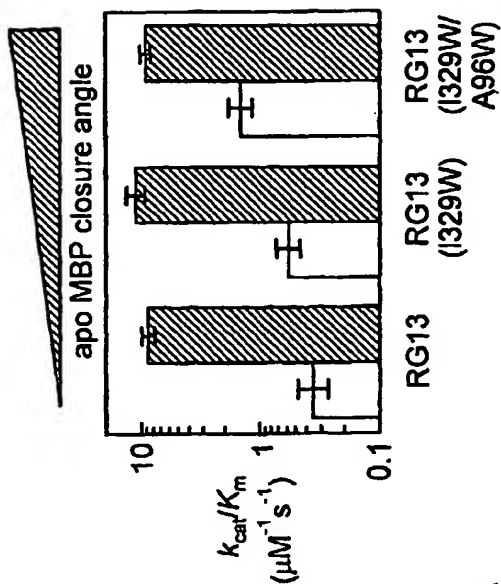


FIG. 9B

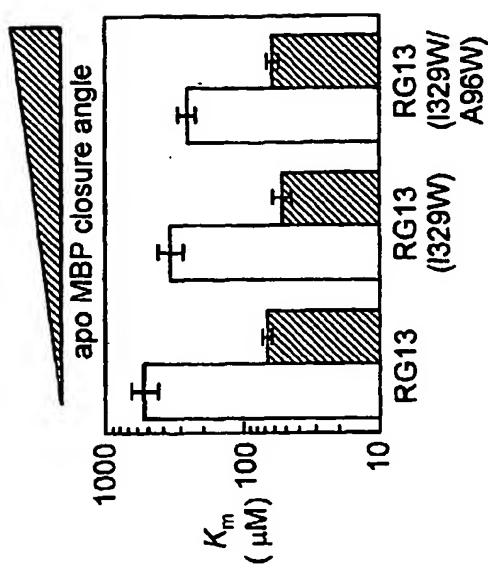


FIG. 9D

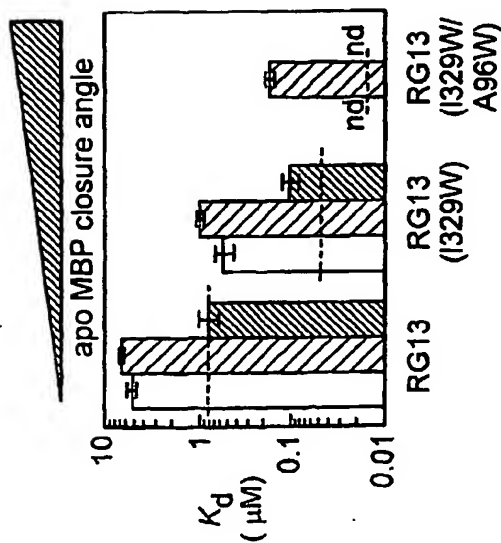


FIG. 9A

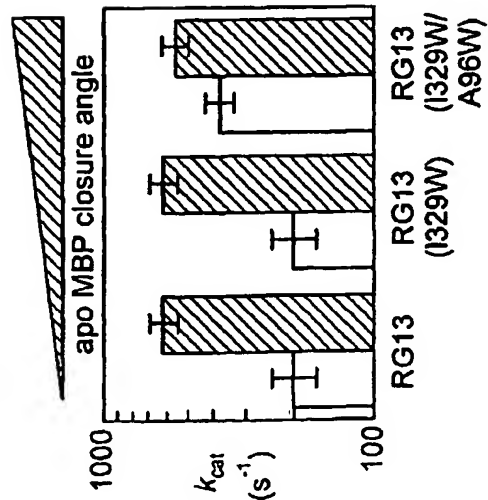


FIG. 9C

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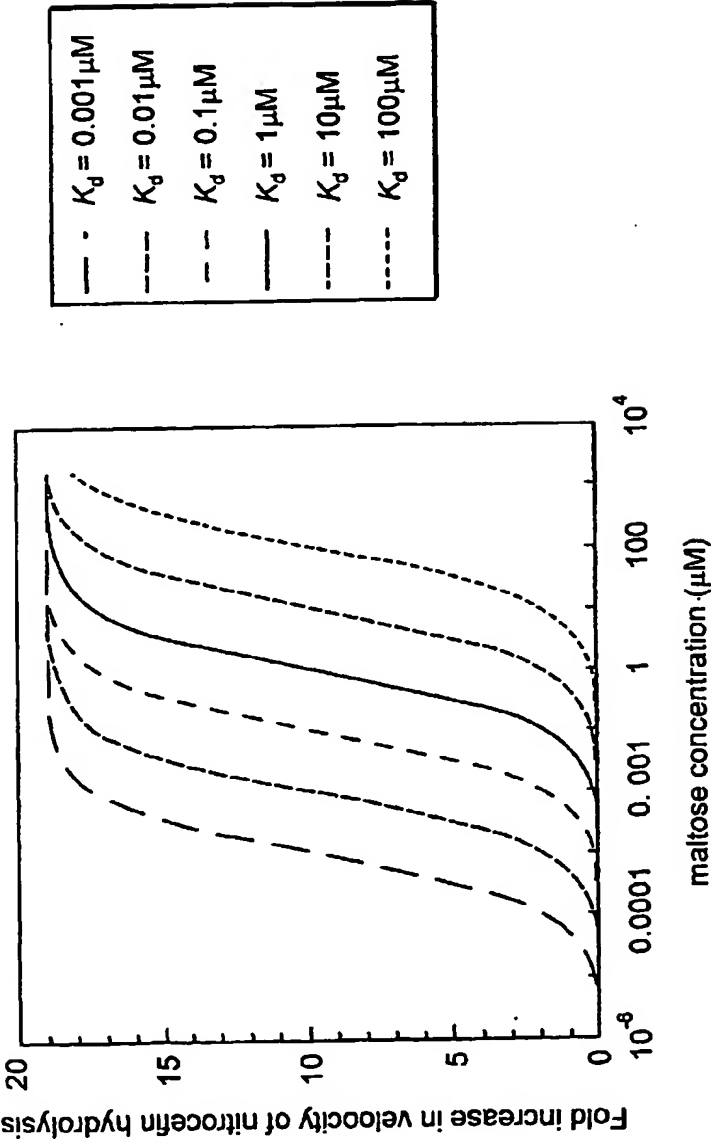


FIG. 10

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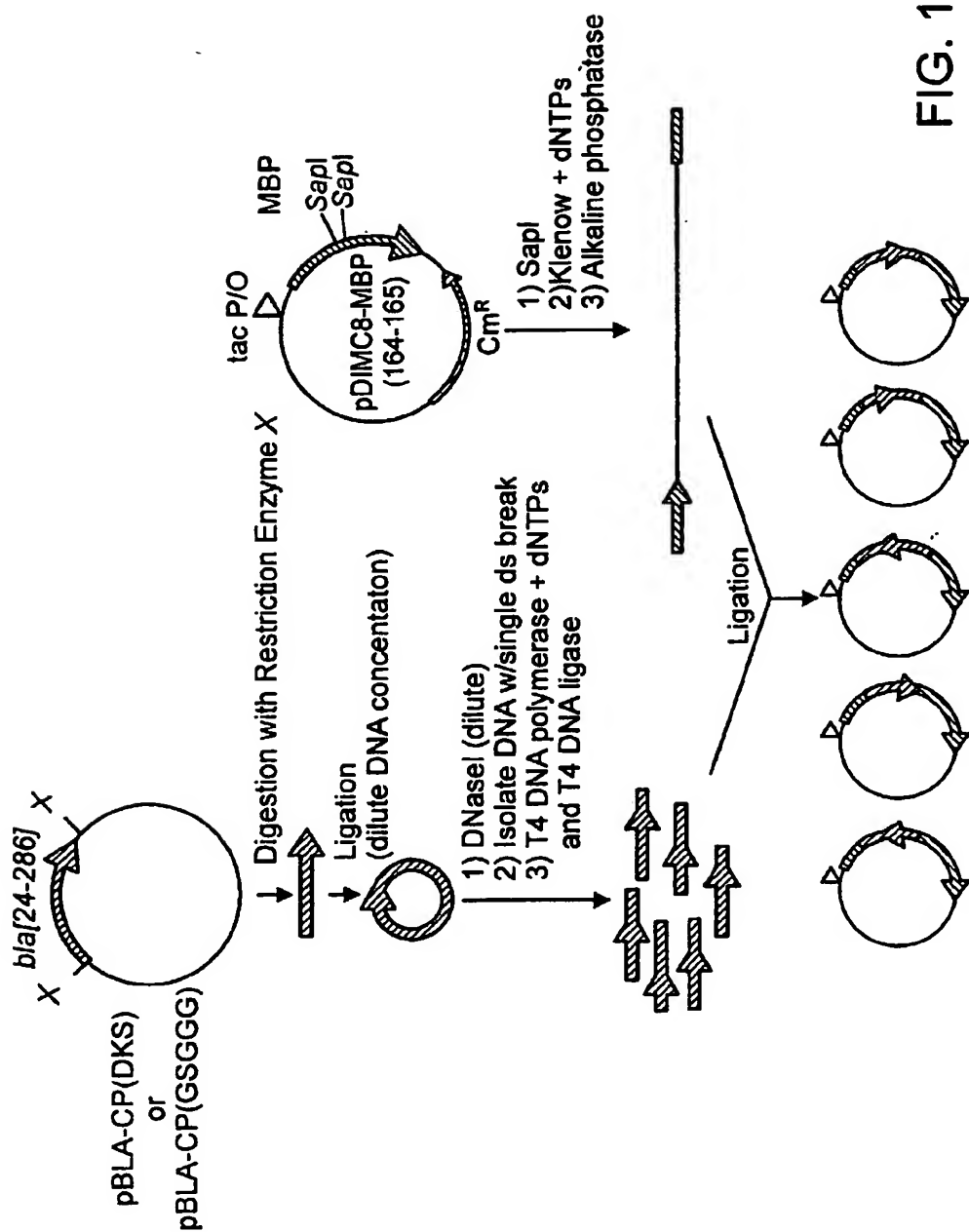


FIG. 11

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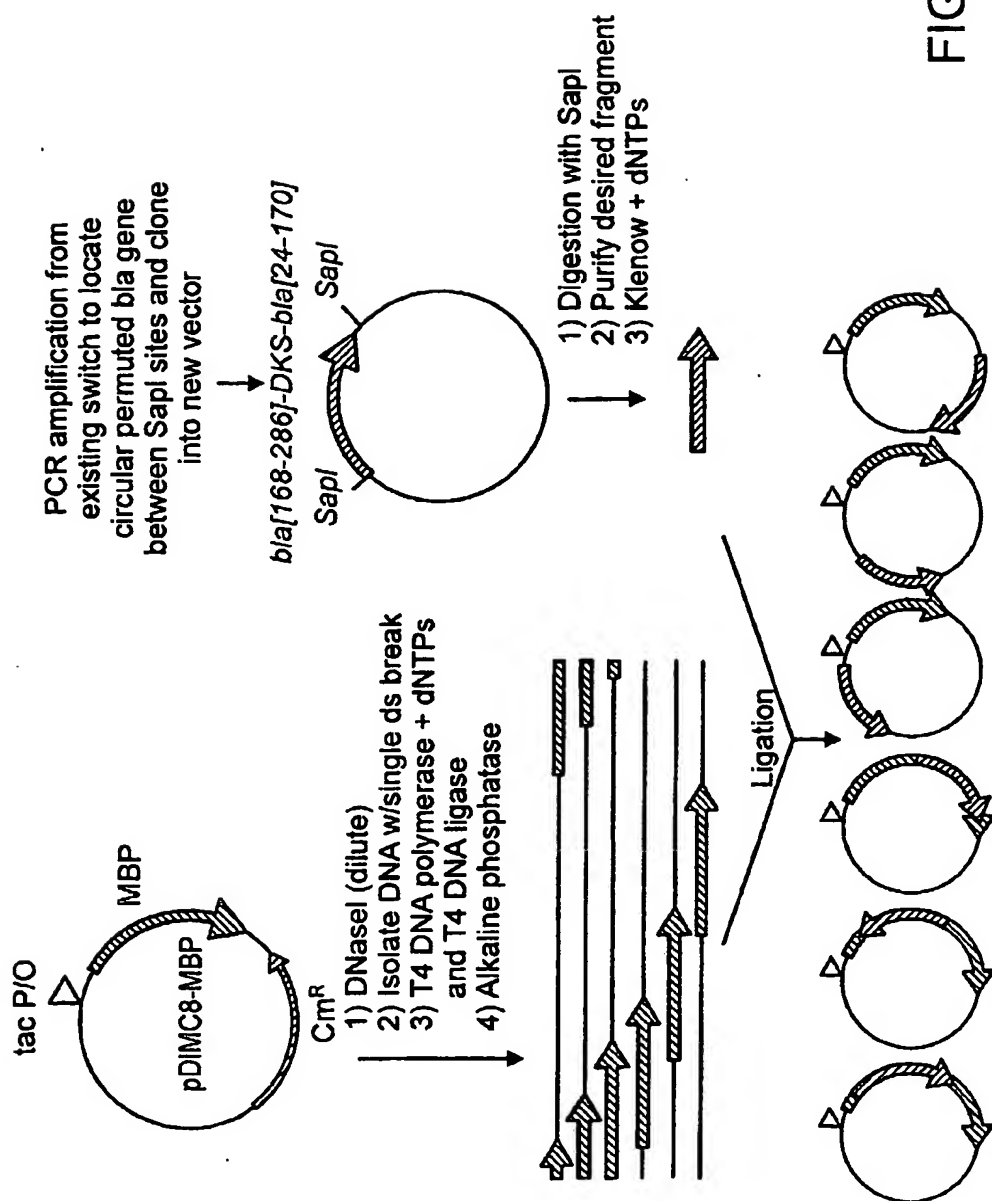


FIG. 12

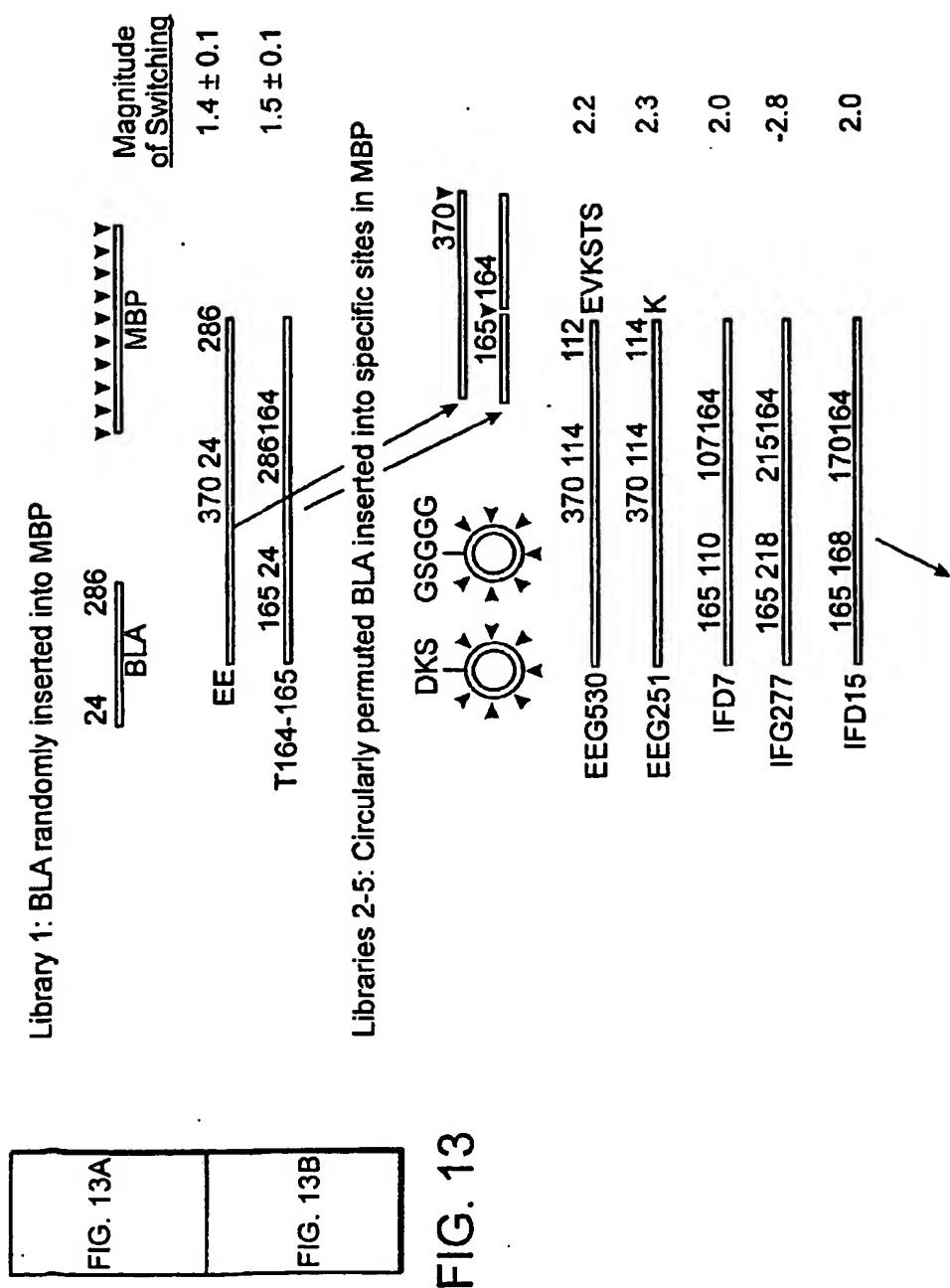
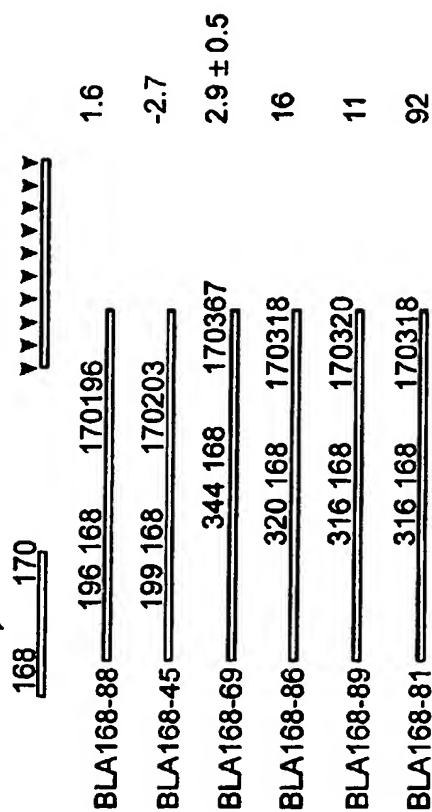
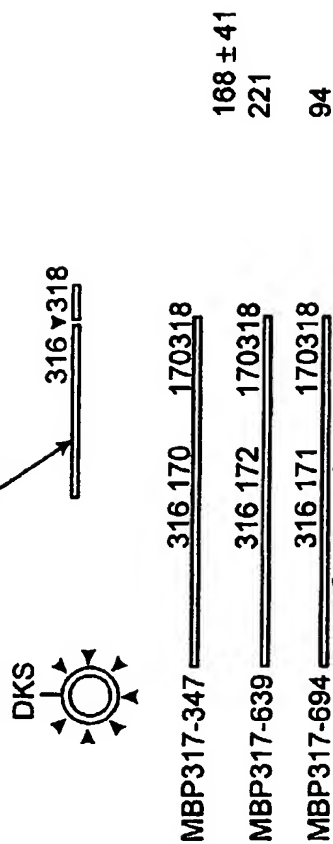


FIG. 13A

Library6: A specific circularly permuted BLA randomly inserted into MBP

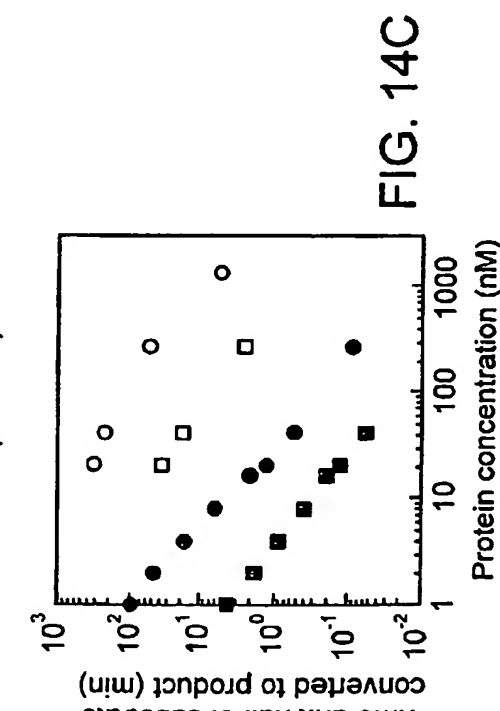
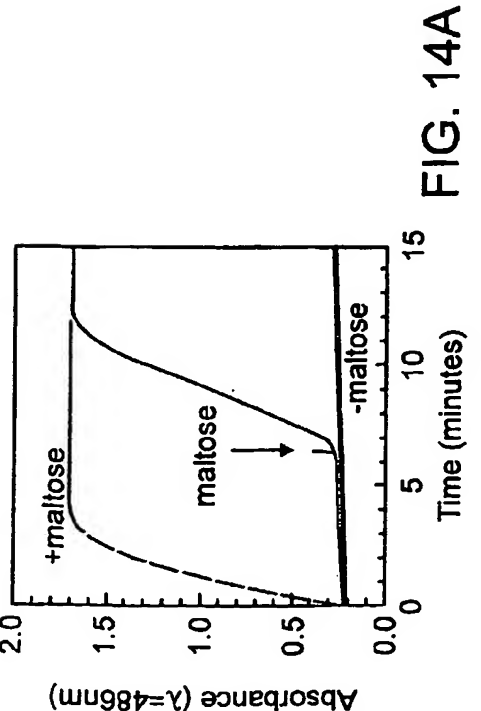
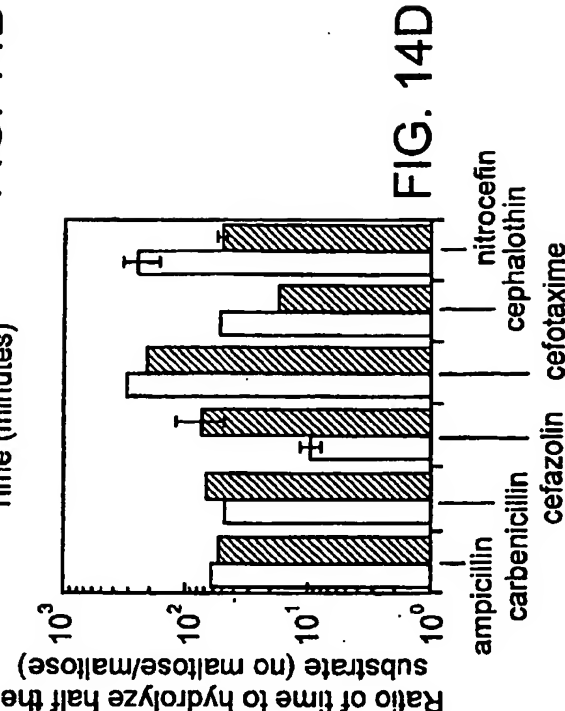
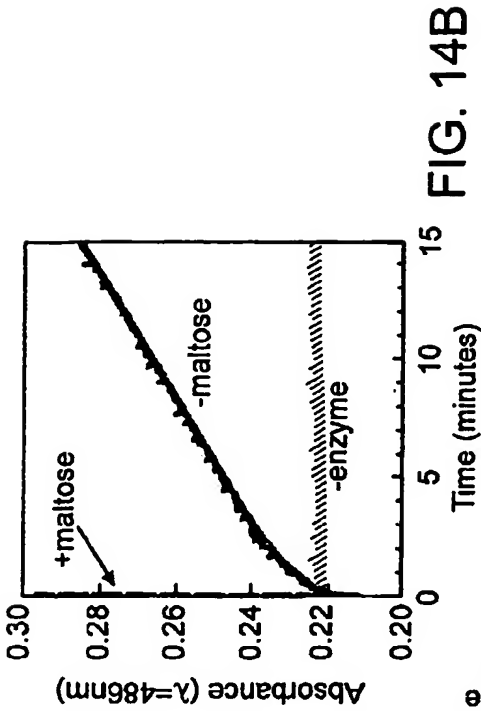


Library7: Circularly permuted BLA inserted into a specific site in MBP



Key: MBP[1-316]-BLA[172-286]-DKS-BLA[24-170]-MBP[318-370]
numbers are amino acid number of starting protein

FIG. 13B



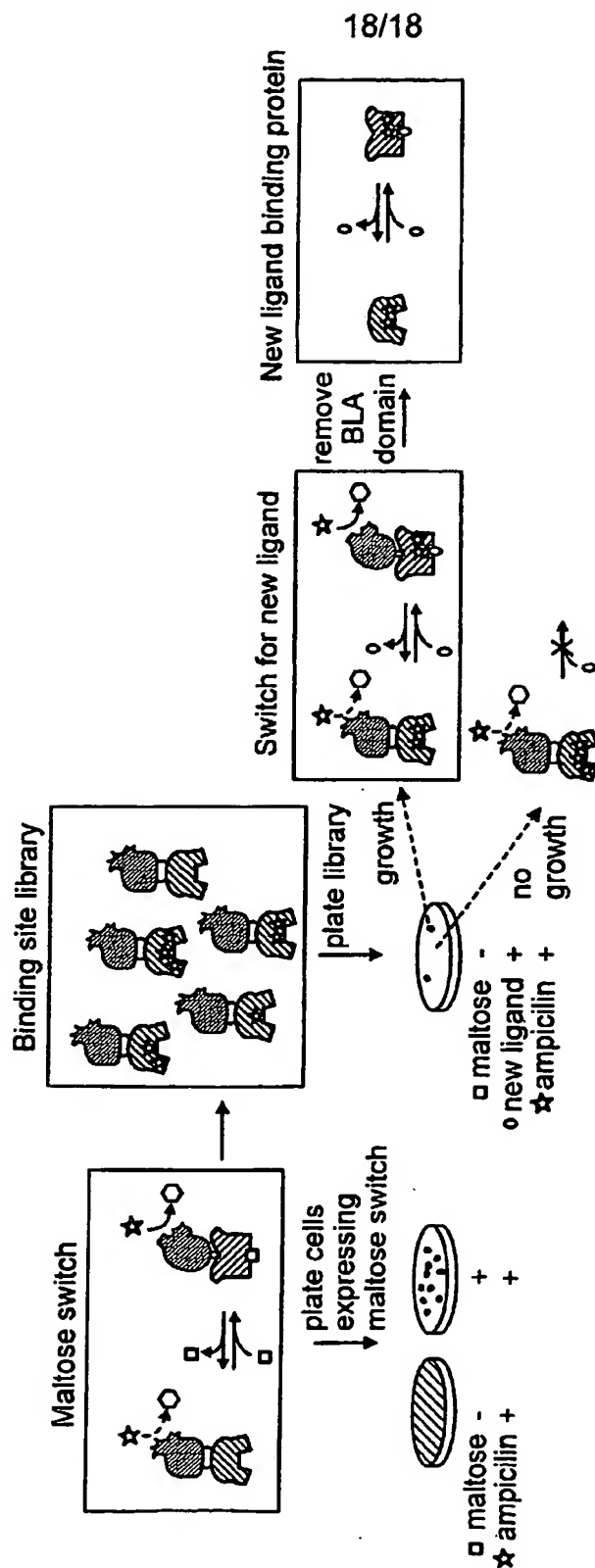


FIG. 15